

AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE:

Please cancel the previous abstract and replace it with the following:

The invention relates in general to surfaces along which media, such as gases, liquids or multi-phase mixtures are flowing, especially to a device for transportation of a flowing medium and/or for heat exchange between a flowing medium and the device, and methods of producing and using such devices. Disclosed is a surface or layer having dimples, the edges of which are rounded, thereby forming a central dimple area and at least one curvature area for each dimple which continuously connects the dimple to the surrounding surface for reducing particle deposition and ice formation on a surface along which a medium flows.